

## WEST Search History for Application 10552366

Creation Date: 2010112321:52

emg and signal and differentiatePGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-27-2008  
(emg and signal and differentiate ) and feedbackPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-27-2008  
emg and laborPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-27-2008  
(emg and labor ) and (differentiate or separate)PGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-27-2008  
(emg and labor ) and (differentiate or separate) and feedbackPGPB, USPT, USOC, EPAB,  
JPAB, DWPI AND 04-27-2008  
emg and eeg and feedbackPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-27-2008  
(emg and eeg and feedback ) and differentiatePGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-27-2008  
(emg and eeg and feedback and differentiate ) and displayPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-27-2008  
bruxism and emg and eeg and feedbackPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-27-2008  
detect same bruxismPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-27-2008  
(detect same bruxism ) and emg and eegPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-27-2008  
emg and signal and differentiatePGPB, USPT, USOC, EPAB, JPAB, DWPI AND 10-08-2008  
(emg and signal and differentiate ) and feedbackPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
emg and laborPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 10-08-2008  
(emg and labor ) and (differentiate or separate)PGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
(emg and labor ) and (differentiate or separate) and feedbackPGPB, USPT, USOC, EPAB,  
JPAB, DWPI AND 10-08-2008  
emg and eeg and feedbackPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 10-08-2008  
(emg and eeg and feedback ) and differentiatePGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
(emg and eeg and feedback and differentiate ) and displayPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
bruxism and emg and eeg and feedbackPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
detect same bruxismPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 10-08-2008  
(detect same bruxism ) and emg and eegPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
bruxism and (setup or set-up)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 10-08-2008  
(bruxism and (setup or set-up) ) and musclePGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
(emg same eeg) and (setup or set-up)PGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
((emg same eeg) and (setup or set-up) ) and thresholdPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 10-08-2008  
((emg same eeg) and (setup or set-up) and threshold ) and feedbackPGPB, USPT, USOC,  
EPAB, JPAB, DWPI AND 10-08-2008  
(ecg same emg) and (setup or set-up)PGPB, USPT, USOC, EPAB, JPAB,

DWPI AND 10-08-2008  
 ((ecg same emg) and (setup or set-up) ) and thresholdPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 10-08-2008  
 ((ecg same emg) and (setup or set-up) and threshold ) and feedbackPGPB, USPT, USOC,  
 EPAB, JPAB, DWPI AND 10-08-2008  
 emg and signal and differentiatePGPB, USPT, USOC, EPAB, JPAB, DWPI AND 03-07-2009  
 (emg and signal and differentiate ) and feedbackPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 emg and laborPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 03-07-2009  
 (emg and labor ) and (differentiate or separate)PGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 (emg and labor ) and (differentiate or separate) and feedbackPGPB, USPT, USOC, EPAB,  
 JPAB, DWPI AND 03-07-2009  
 emg and eeg and feedbackPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 03-07-2009  
 (emg and eeg and feedback ) and differentiatePGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 (emg and eeg and feedback and differentiate ) and displayPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 bruxism and emg and eeg and feedbackPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 detect same bruxismPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 03-07-2009  
 (detect same bruxism ) and emg and eegPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 bruxism and (setup or set-up)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 03-07-2009  
 (bruxism and (setup or set-up) ) and musclePGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 (emg same eeg) and (setup or set-up)PGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 ((emg same eeg) and (setup or set-up) ) and thresholdPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 ((emg same eeg) and (setup or set-up) and threshold ) and feedbackPGPB, USPT, USOC,  
 EPAB, JPAB, DWPI AND 03-07-2009  
 (ecg same emg) and (setup or set-up)PGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 ((ecg same emg) and (setup or set-up) ) and thresholdPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI AND 03-07-2009  
 ((ecg same emg) and (setup or set-up) and threshold ) and feedbackPGPB, USPT, USOC,  
 EPAB, JPAB, DWPI AND 03-07-2009

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
weinstein.inv. and bruxism	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009

<b>"frequency pattern recognition" and bruxism</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
<b>"frequency pattern recognition"</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
<b>("frequency pattern recognition" ) and emg</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
<b>"frequency pattern" same recognize</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
<b>("frequency pattern" same recognize ) and emg</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
<b>"frequency pattern" same recognition</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
<b>("frequency pattern" same recognition ) and emg</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
<b>"frequency pattern" same emg</b>	PGPB, USPT, USOC, EPAB,	OR	YES		08-22-2009

	JPAB, DWPI				
"frequency pattern" same compare	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
("frequency pattern" same compare ) and emg	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
("frequency pattern" same compare ) and muscle	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
("frequency pattern" same compare ) same signal	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
("frequency pattern" same compare same signal ) and "harmonic frequency"	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
compare same "harmonic frequency"	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
(compare same "harmonic frequency" ) same "frequency pattern"	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
		OR	YES		08-22-2009

(compare same "harmonic frequency" ) same "frequency pattern"	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
(compare same "harmonic frequency" ) same stored	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
(compare same "harmonic frequency" same stored ) same pattern	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-22-2009
grimace same emg	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-23-2009
"harmonic frequency" same compare	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-23-2009
("harmonic frequency" same compare ) same pattern	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-23-2009
("harmonic frequency" same compare same pattern ) same muscle	PGPB, USPT, USOC, EPAB, JPAB, DWPI	OR	YES		08-23-2009
("harmonic frequency" same compare ) same muscle	PGPB, USPT, USOC, EPAB,	OR	YES		08-23-2009

	JPAB, DWPI				
"harmonic frequency" same compare	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("harmonic frequency" same compare ) same pattern	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("harmonic frequency" same compare ) same signal	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("harmonic frequency" same compare same signal ) same muscle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("harmonic frequency" same compare same signal ) same emg	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("harmonic frequency" same compare ) same signal	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("harmonic frequency" same compare ) same muscle	PGPB, USPT,	OR	YES		08-23-2009

	USOC, EPAB, JPAB, DWPI, TDBD				
("harmonic frequency" same compare ) same emg	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
<b>6117092</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
"fundamental frequency" same compare	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("fundamental frequency" same compare ) same muscle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("fundamental frequency" same compare ) same emg	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("fundamental frequency" same compare ) same pattern	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	OR	YES		08-23-2009

	TDBD				
("fundamental frequency" same compare ) same "stored frequency"	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
"harmonic frequencies" same compare	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("harmonic frequencies" same compare ) same pattern	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
"fourth harmonic frequency"	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("fourth harmonic frequency" ) same compare	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("fourth harmonic frequency" ) same emg	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
("fourth harmonic frequency" ) same bruxism	PGPB, USPT, USOC,	OR	YES		08-23-2009



	EPAB, JPAB, DWPI, TDBD				
("fourth harmonic frequency" ) same signal	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
average same rectify	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
(average same rectify ) same signal	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
(average same rectify same signal ) same emg	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		08-23-2009
emg and signal and differentiate	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
(emg and signal and differentiate ) and feedback	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
emg and labor	PGPB, USPT,	AND	YES		08-23-2009

	USOC, EPAB, JPAB, DWPI				
<b>(emg and labor ) and (differentiate or separate)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>(emg and labor ) and (differentiate or separate) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>emg and eeg and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>(emg and eeg and feedback ) and differentiate</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>(emg and eeg and feedback and differentiate ) and display</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>bruxism and emg and eeg and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>detect same bruxism</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009

<b>(detect same bruxism ) and emg and eeg</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>bruxism and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>(bruxism and (setup or set-up) ) and muscle</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>(emg same eeg) and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>((emg same eeg) and (setup or set-up) ) and threshold</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>((emg same eeg) and (setup or set-up) and threshold ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>(ecg same emg) and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>((ecg same emg) and (setup or set-up) ) and threshold</b>	PGPB, USPT, USOC, EPAB,	AND	YES		08-23-2009

	JPAB, DWPI				
<b>((ecg same emg) and (setup or set-up) and threshold ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		08-23-2009
<b>emg and signal and differentiate</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>(emg and signal and differentiate ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>emg and labor</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>(emg and labor ) and (differentiate or separate)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>(emg and labor ) and (differentiate or separate) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>emg and eeg and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
		AND	YES		03-07-2010

<b>(emg and eeg and feedback ) and differentiate</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
<b>(emg and eeg and feedback and differentiate ) and display</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>bruxism and emg and eeg and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>detect same bruxism</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>(detect same bruxism ) and emg and eeg</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>bruxism and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>(bruxism and (setup or set-up) ) and muscle</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>(emg same eeg) and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB,	AND	YES		03-07-2010

	JPAB, DWPI				
<b>((emg same eeg) and (setup or set-up) ) and threshold</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>((emg same eeg) and (setup or set-up) and threshold ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>(ecg same emg) and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>((ecg same emg) and (setup or set-up) ) and threshold</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>((ecg same emg) and (setup or set-up) and threshold ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		03-07-2010
<b>emg and signal and differentiate</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>(emg and signal and differentiate ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>emg and labor</b>		AND	YES		11-23-2010

	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
<b>(emg and labor ) and (differentiate or separate)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>(emg and labor ) and (differentiate or separate) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>emg and eeg and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>(emg and eeg and feedback ) and differentiate</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>(emg and eeg and feedback and differentiate ) and display</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>bruxism and emg and eeg and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>detect same bruxism</b>	PGPB, USPT, USOC, EPAB,	AND	YES		11-23-2010

	JPAB, DWPI				
<b>(detect same bruxism ) and emg and eeg</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>bruxism and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>(bruxism and (setup or set-up) ) and muscle</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>(emg same eeg) and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>((emg same eeg) and (setup or set-up) ) and threshold</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>((emg same eeg) and (setup or set-up) and threshold ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
<b>(ecg same emg) and (setup or set-up)</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010
		AND	YES		11-23-2010



<b>((ecg same emg) and (setup or set-up) ) and threshold</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
<b>((ecg same emg) and (setup or set-up) and threshold ) and feedback</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI	AND	YES		11-23-2010